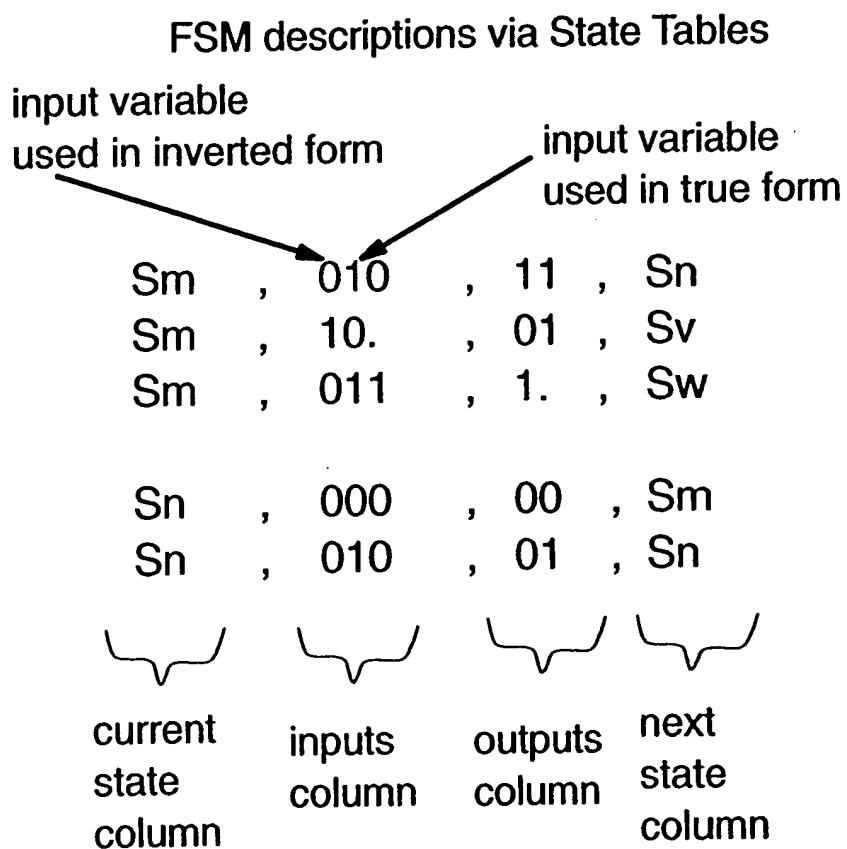


of = Output function  
nf = Next State function

PRIOR ART

FIG. 1



PRIOR ART

**FIG. 2**

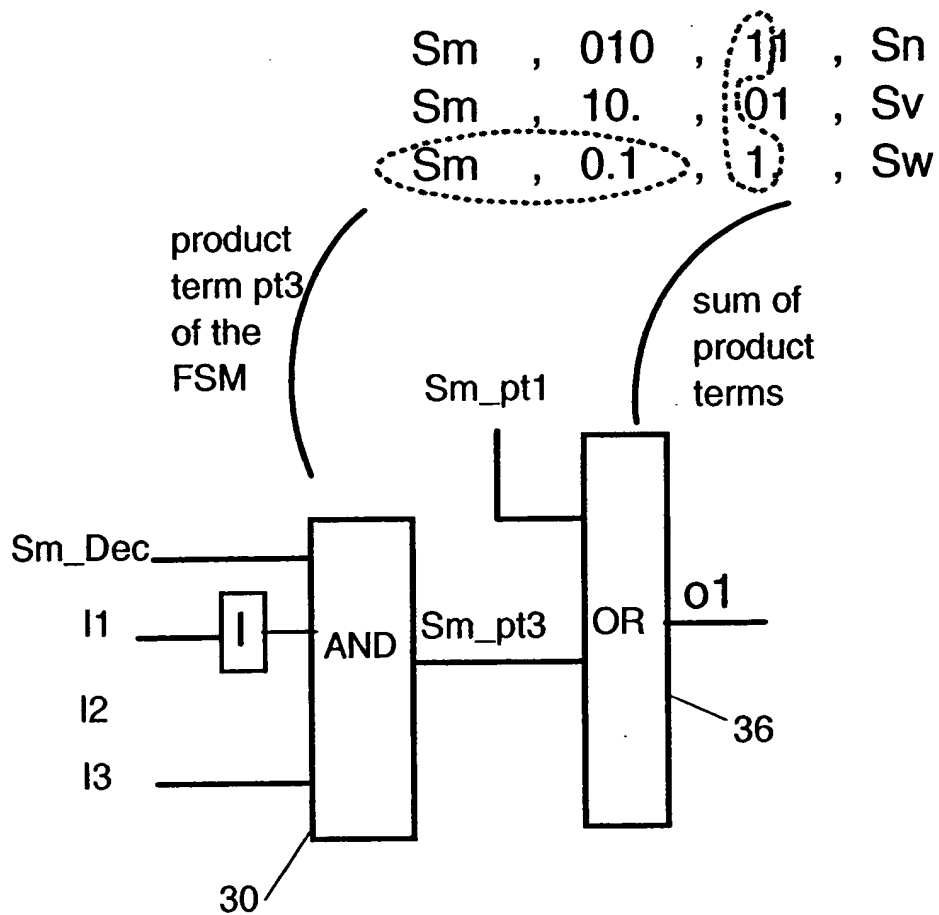


FIG. 3

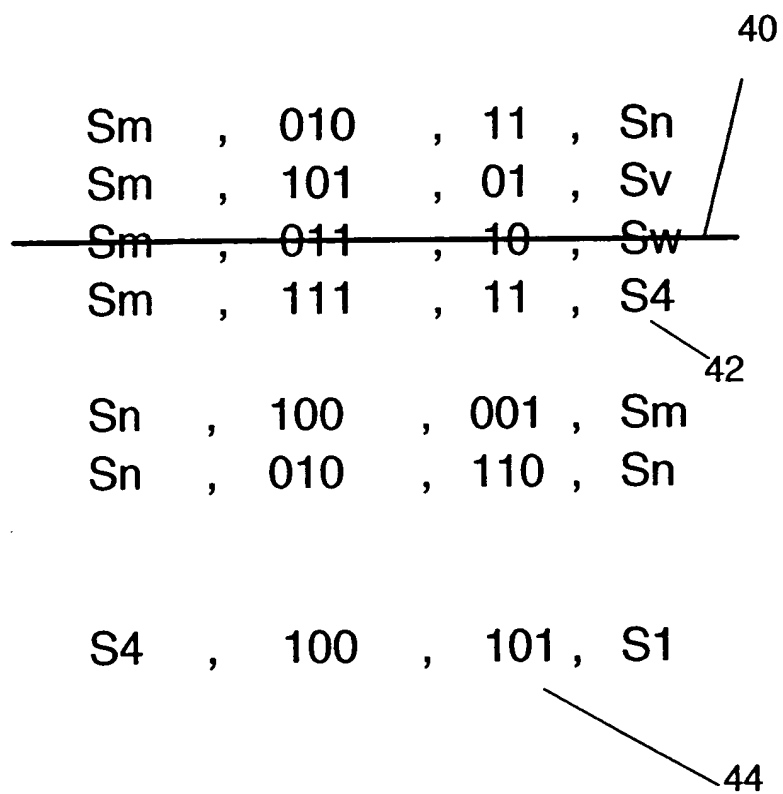


FIG. 4

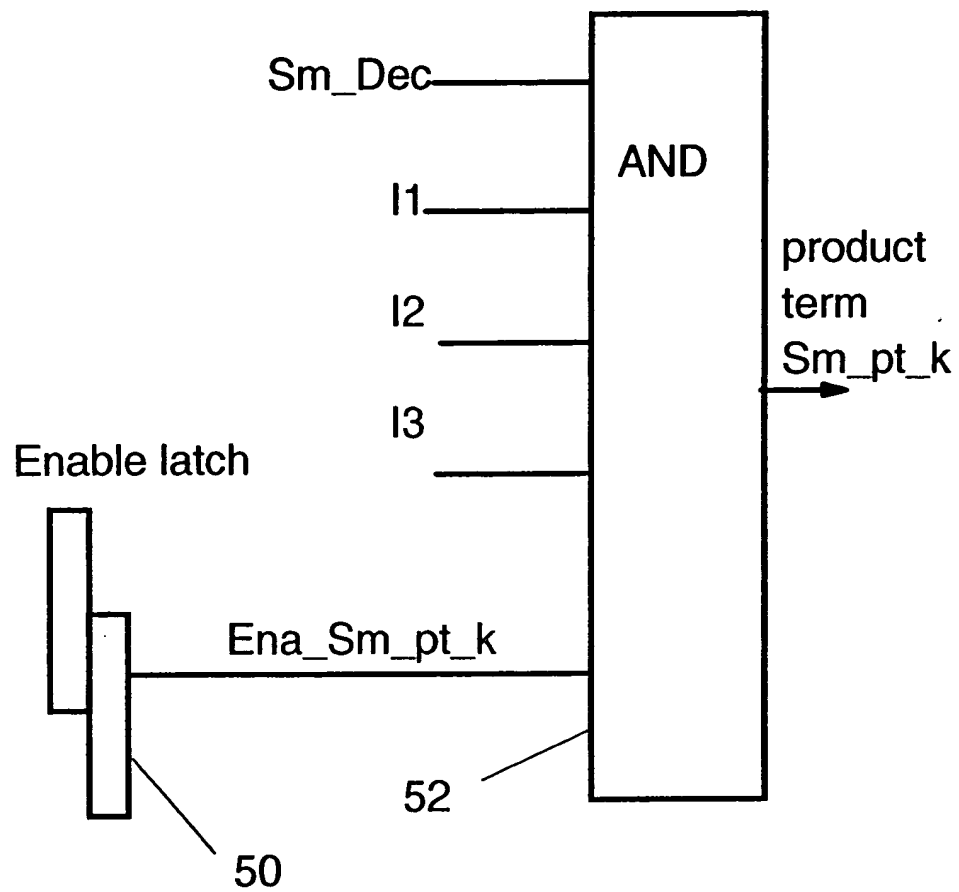


FIG. 5

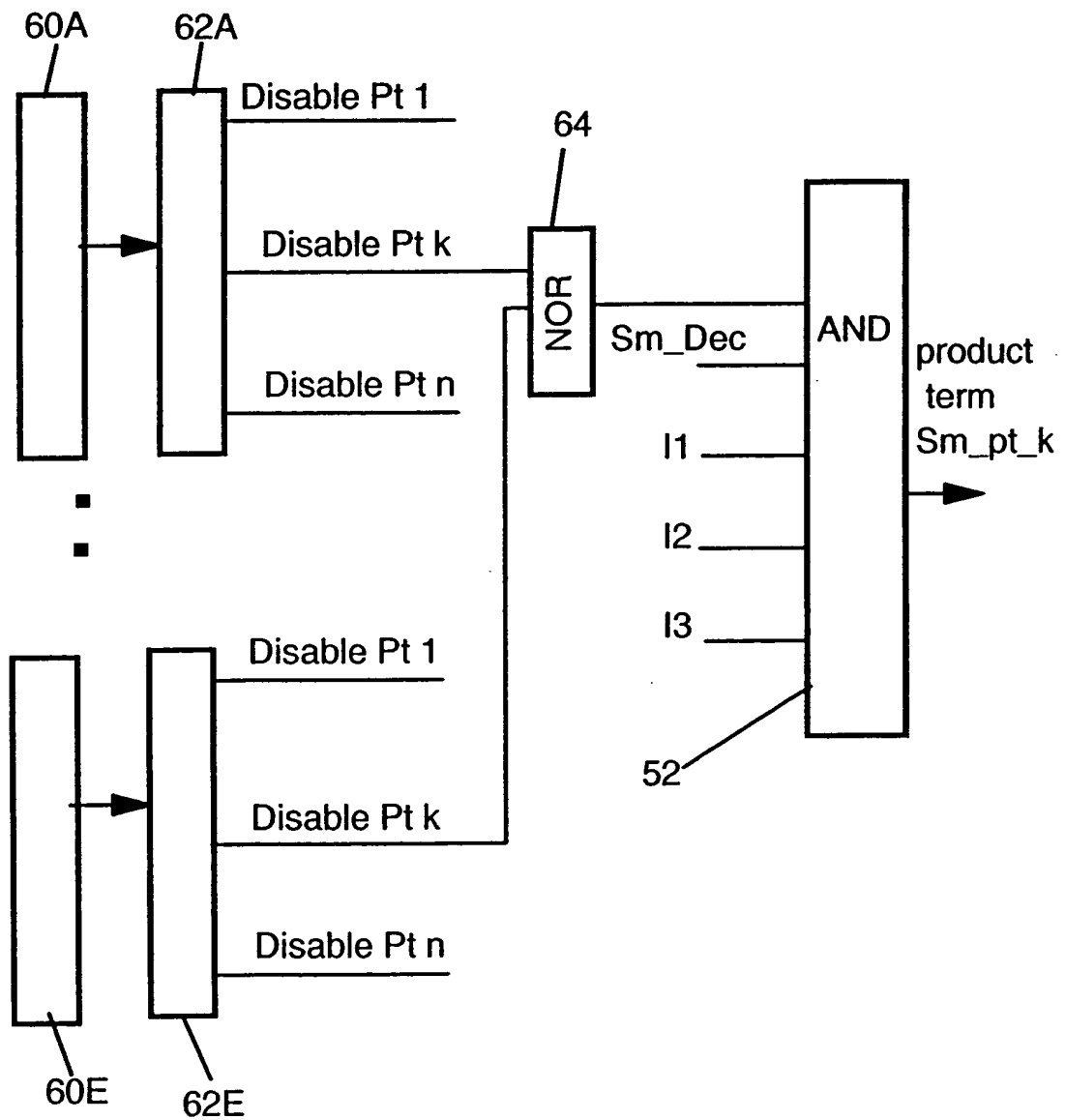


FIG. 6

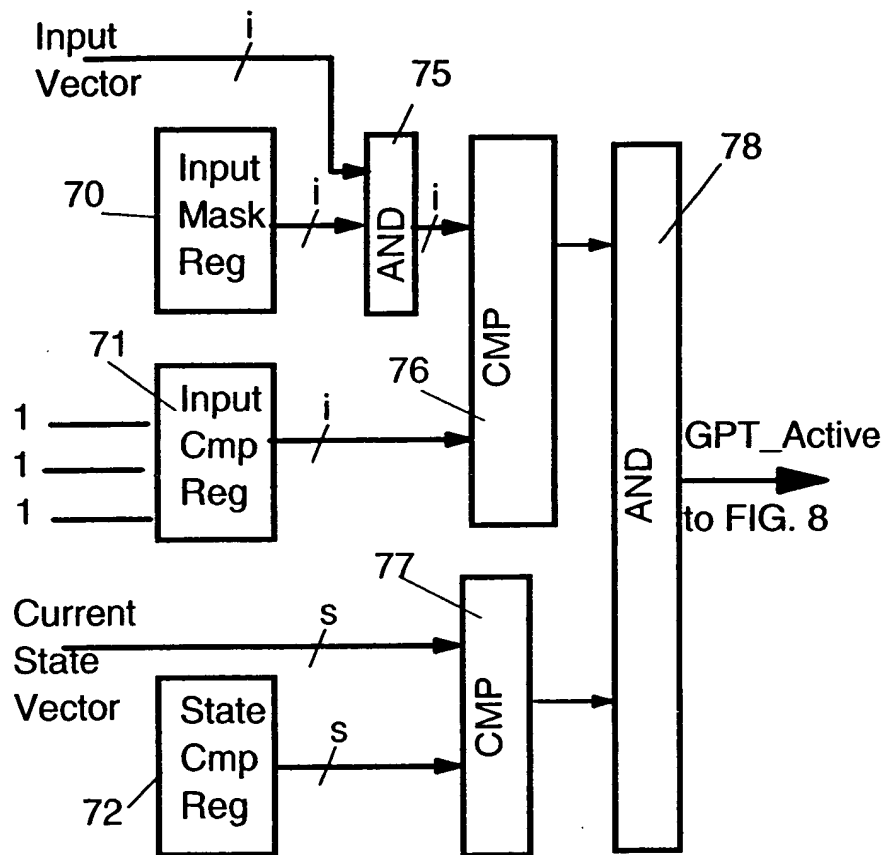


FIG.7

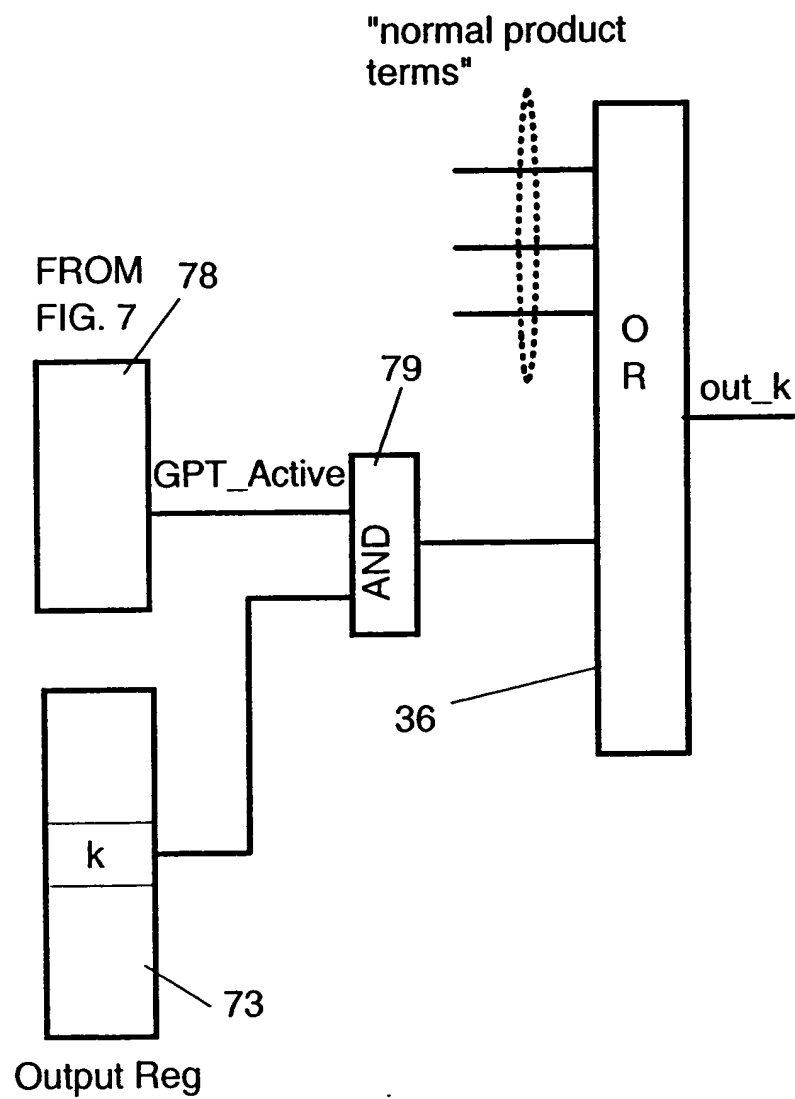


FIG.8



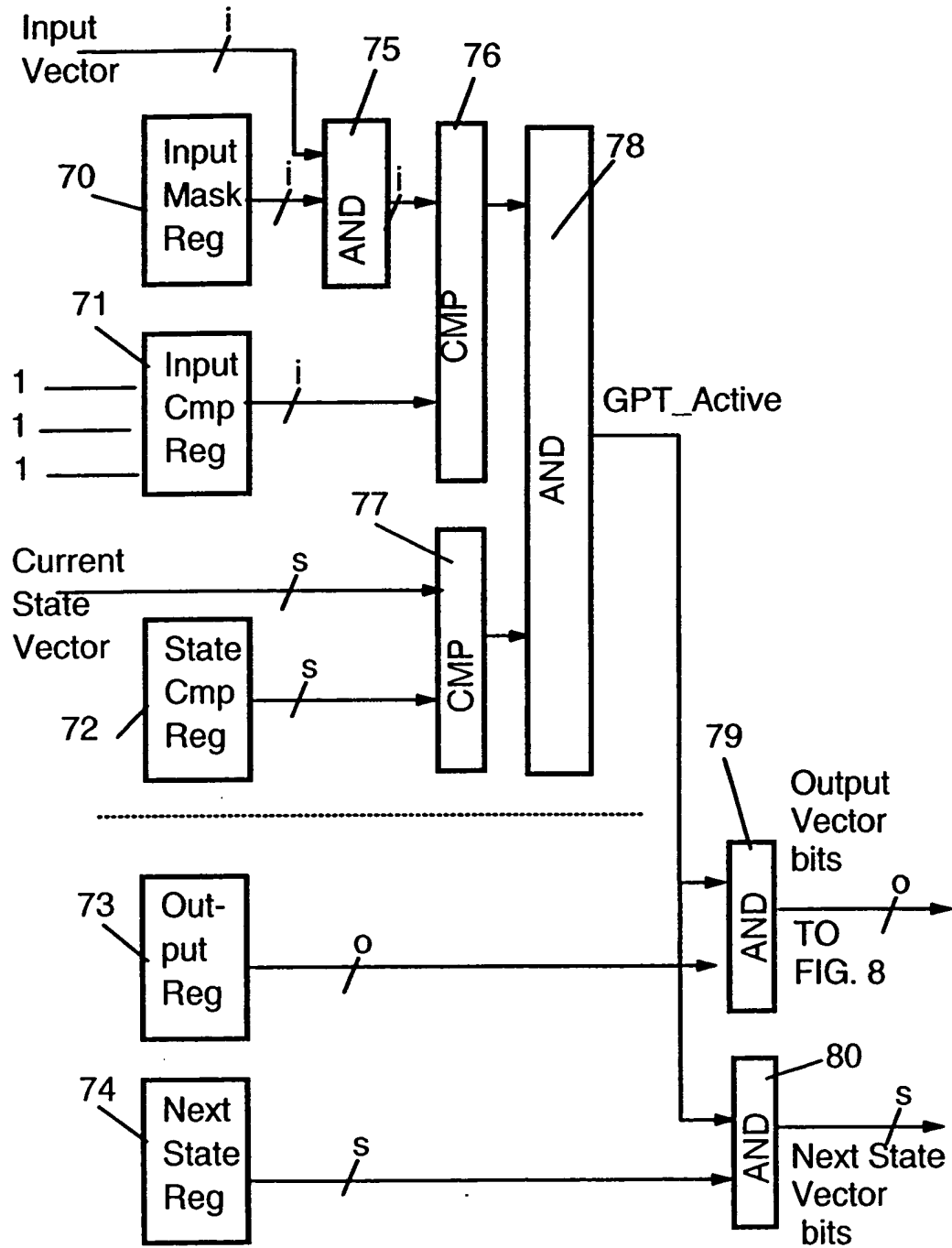
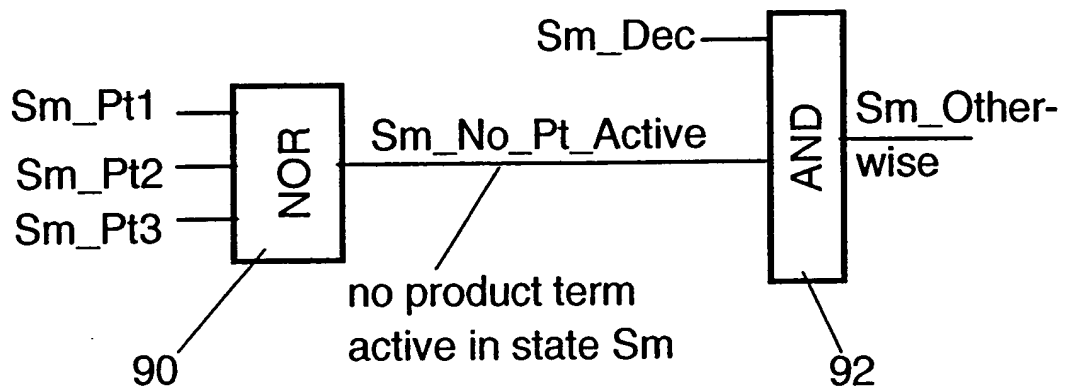


FIG.8A

Sm\_Pt1 Sm , 010 , 11 , Sn  
Sm\_Pt2 Sm , 10. , 01 , Su  
Sm\_Pt3 Sm , 011 , 1. , Sv  
Sm , Otherwise , 01 , Sw



**FIG.9**  
PRIOR ART

Otherwise (Cont)

Sm	,	010	,	11	,	Sn
Sm	,	10.	,	01	,	Su
Sm	,	011	,	1.	,	Sv
Sm	,	111	,	01	,	Sx
Sm	,	Otherwise	,	01	,	Sw

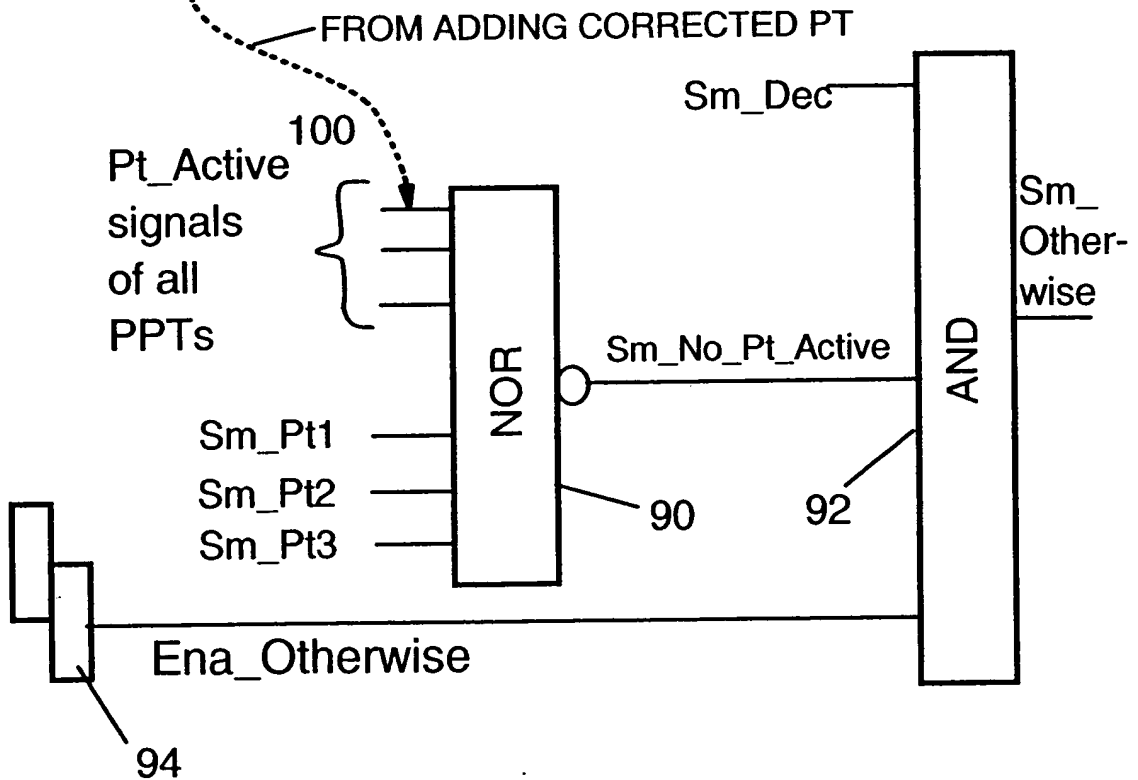


FIG.10

A Programmable Otherwise

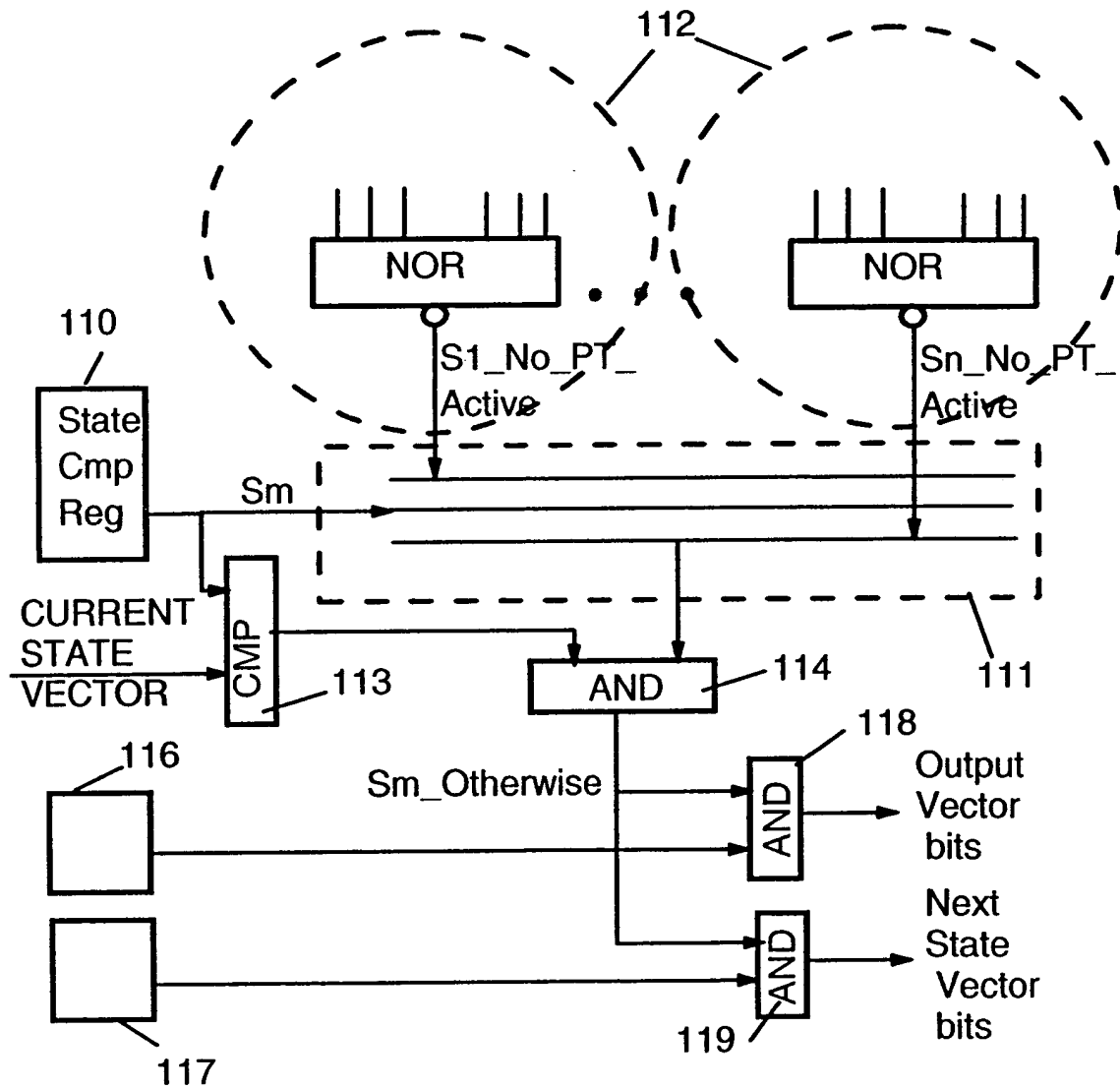


FIG.11

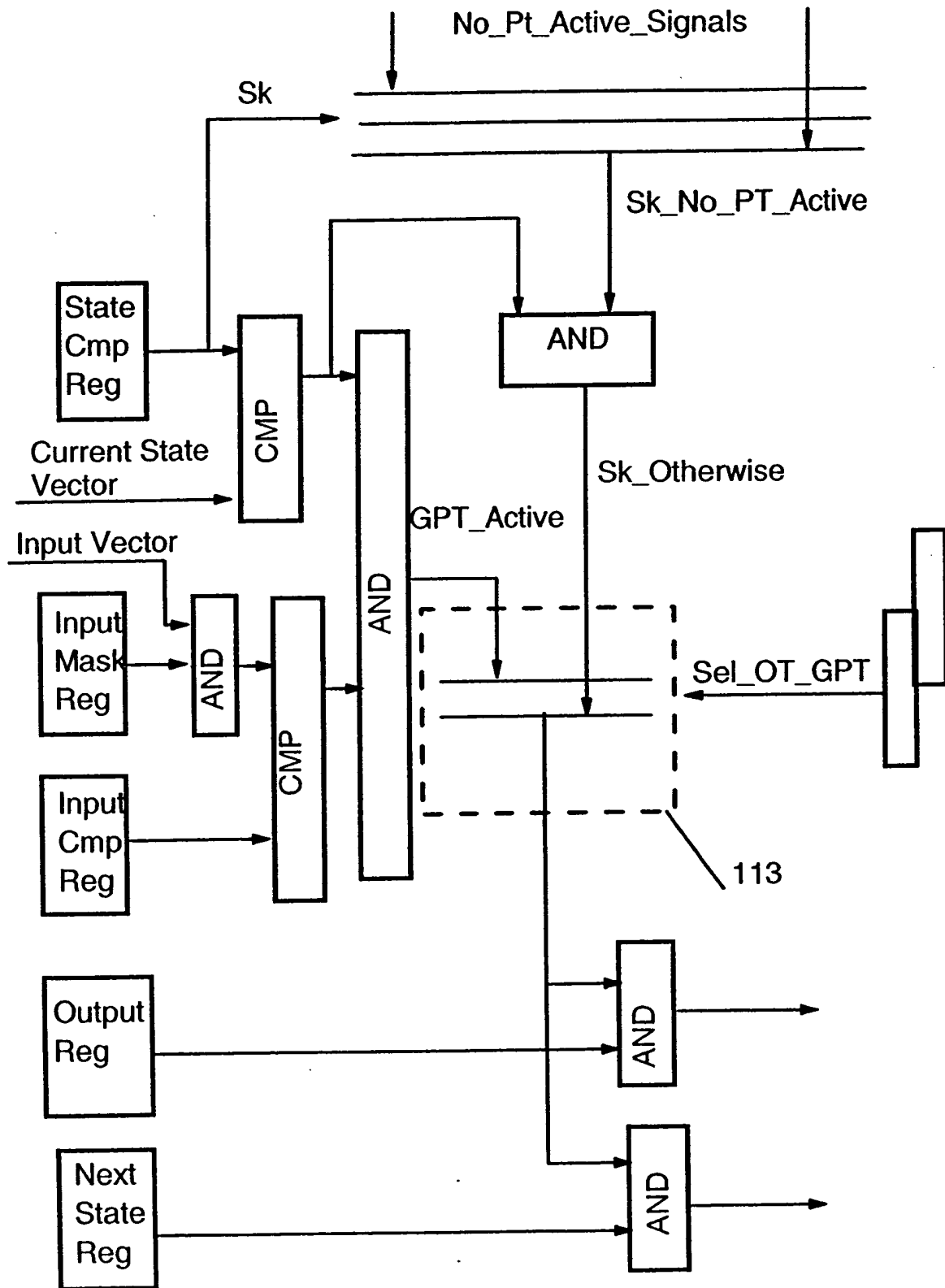
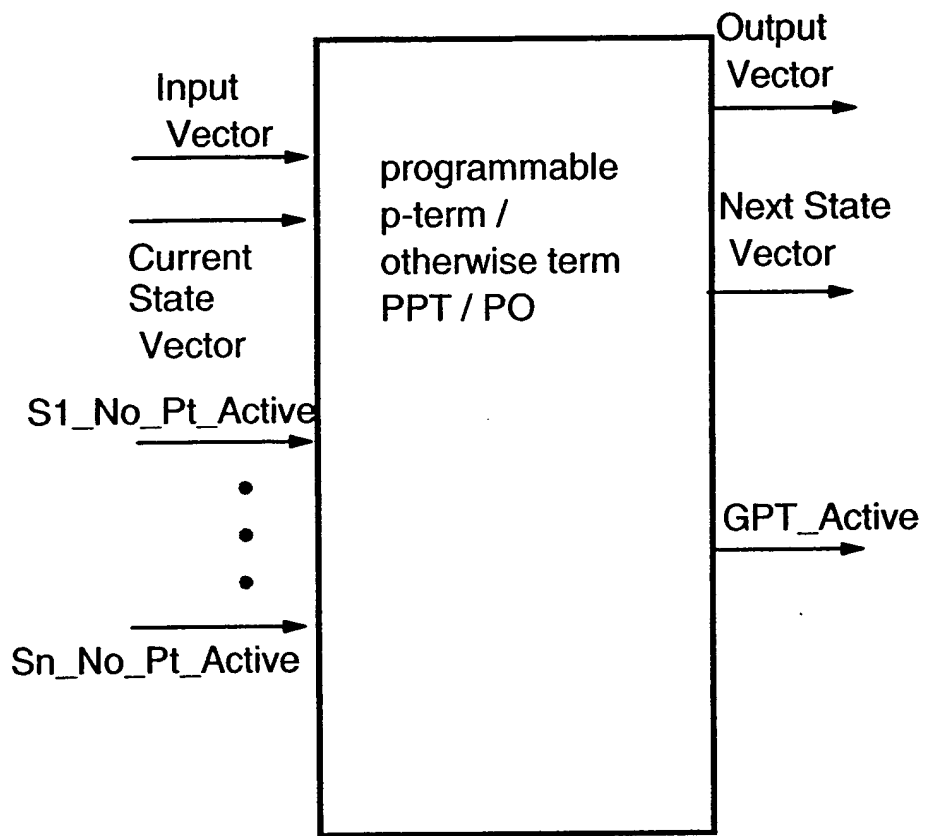


FIG.12



The I/Os of a programmable PO-term

FIG.13

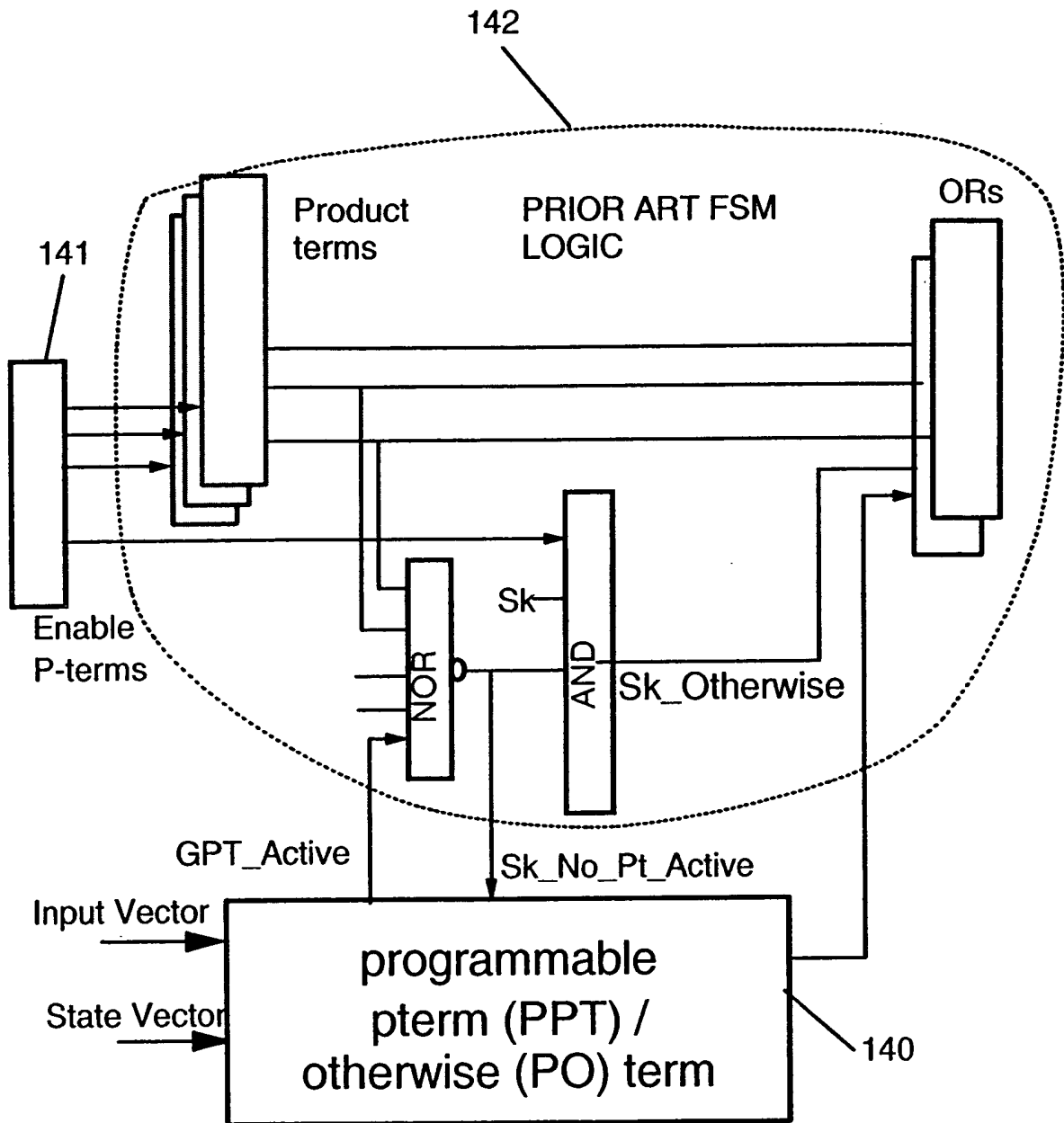


FIG.14

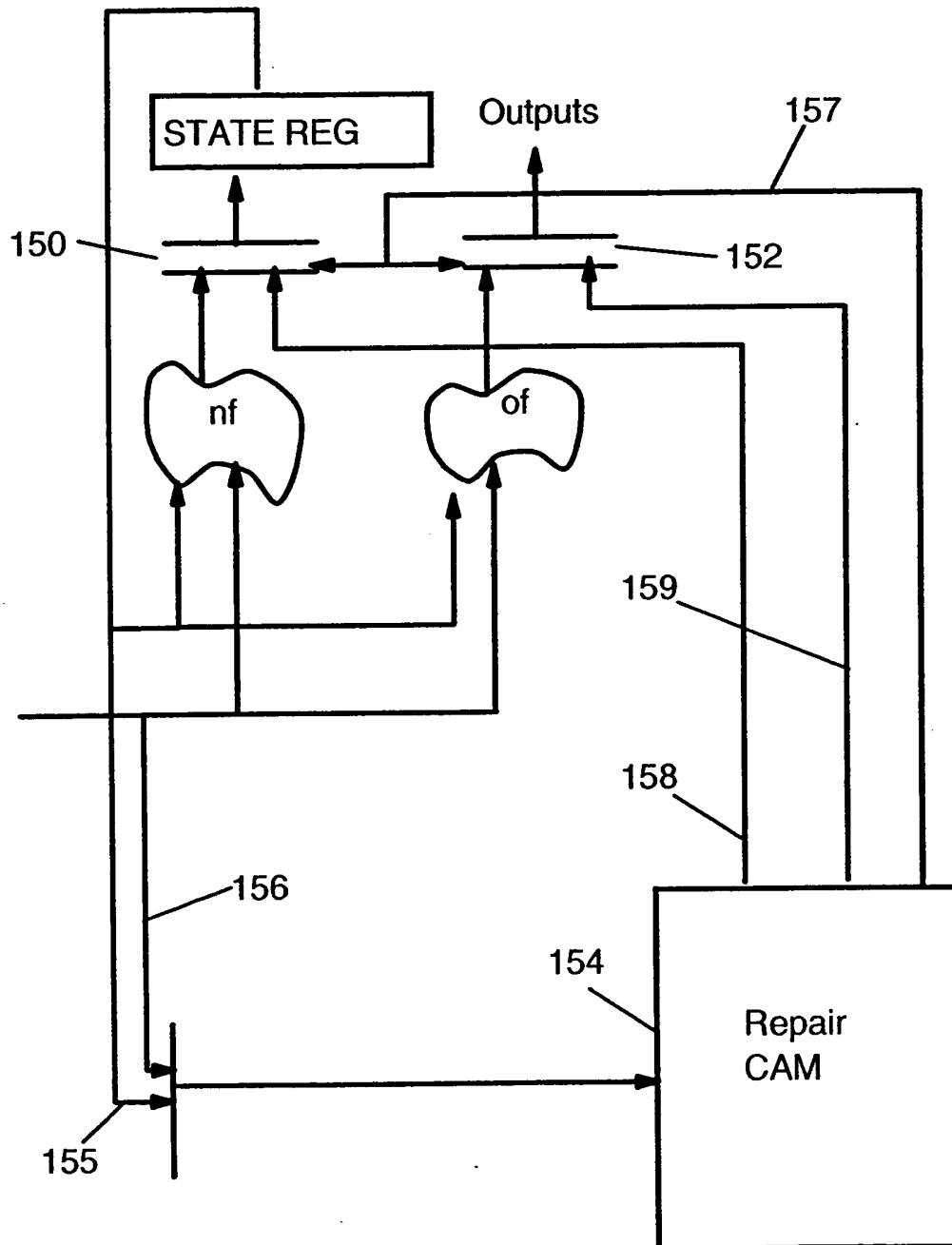


FIG.15



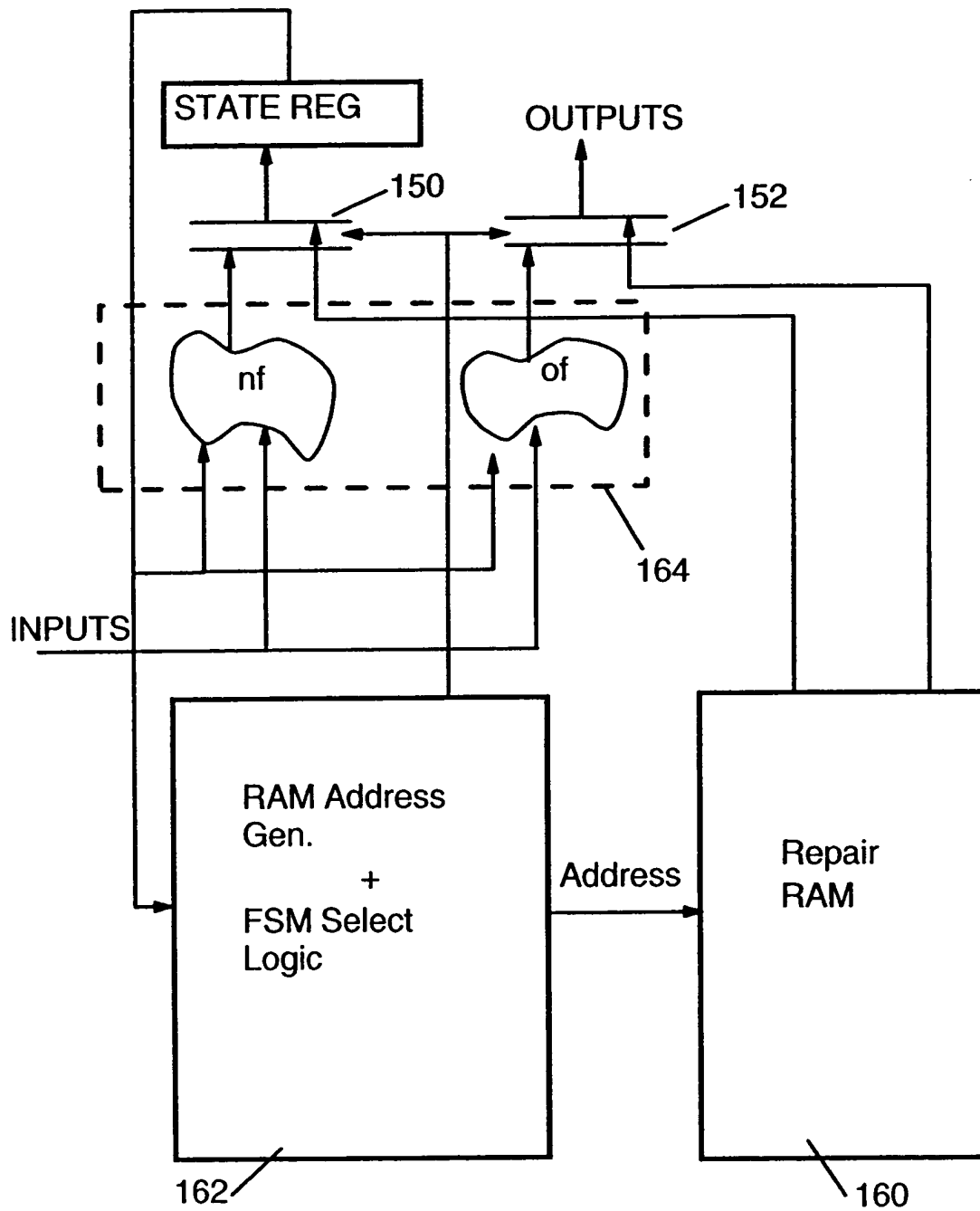


FIG.16

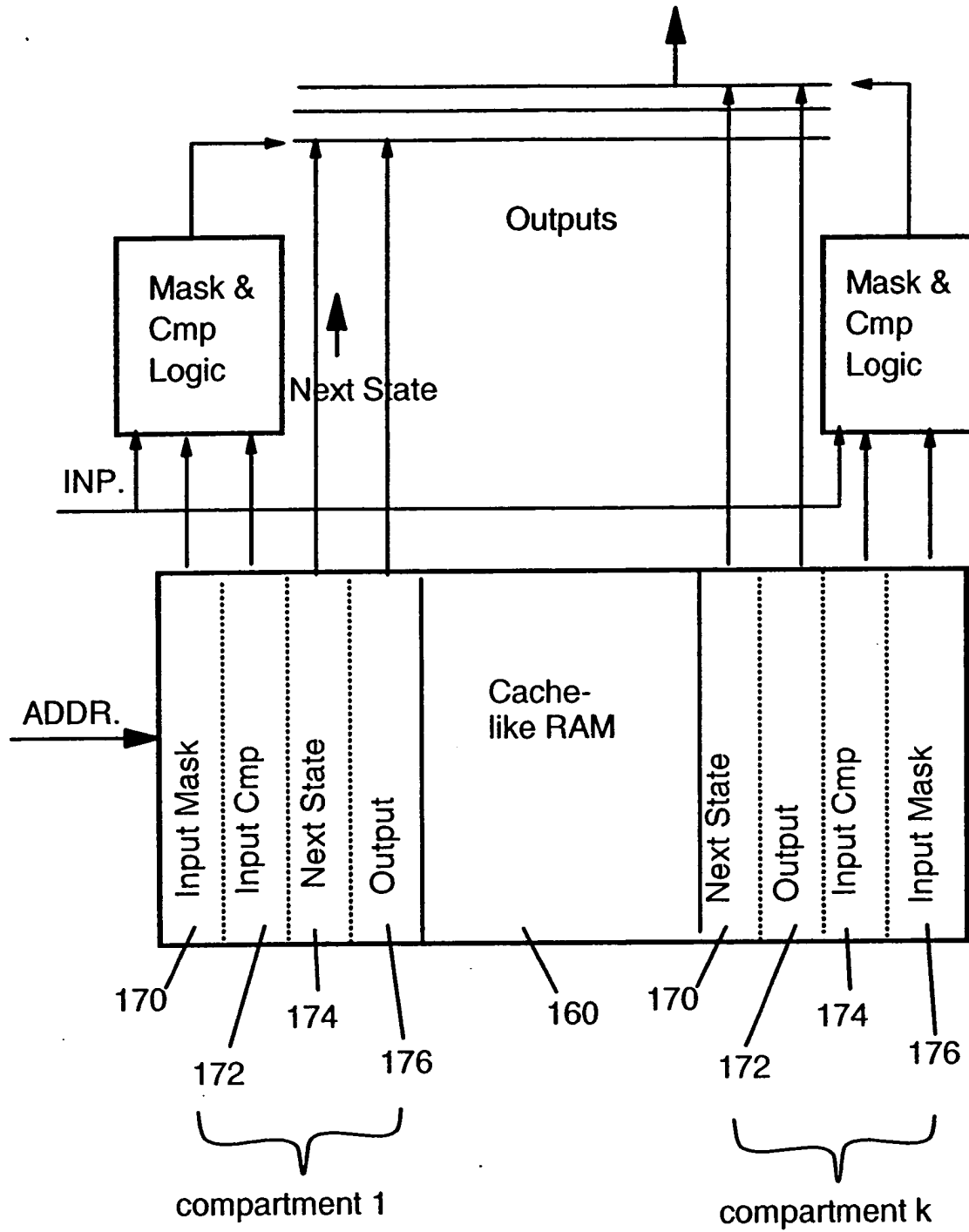


FIG.17

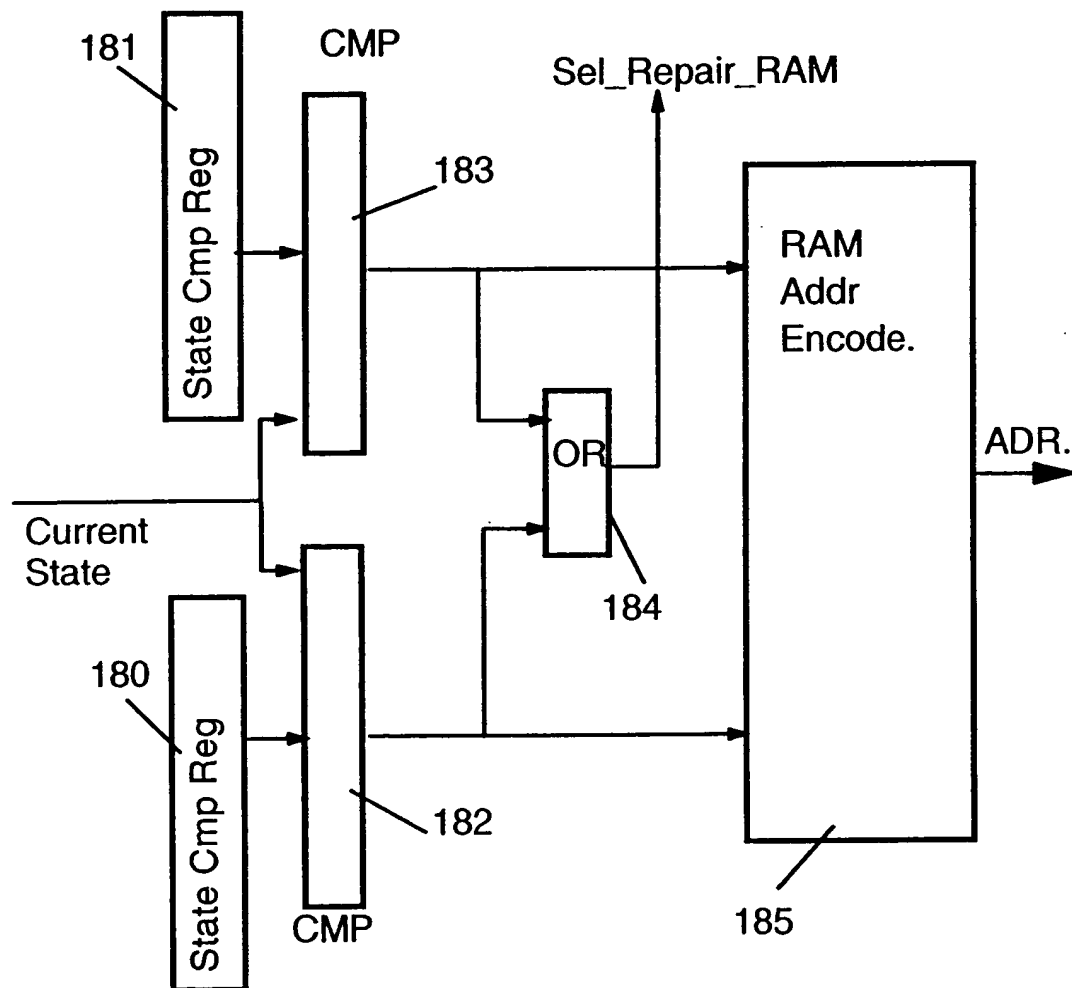


FIG.18